	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING  AMENDED REPORT									
APPLIC	ATION FOR	PERMIT TO DRIL	L				1. WELL NAME and	NUMBER CWU 769-18		
2. TYPE OF WORK  DRILL NEW WELL (	REENTER P8	A WELL ( DEEPE	EN WELI	.(iii)			3. FIELD OR WILDCAT NATURAL BUTTES			
4. TYPE OF WELL Gas We		ed Methane Well: NO					5. UNIT or COMMUNITIZATION AGREEMENT NAME CHAPITA WELLS			
6. NAME OF OPERATOR  EOG Resources, Inc.							7. OPERATOR PHON			
8. ADDRESS OF OPERATOR		), Vernal, UT, 84078					9. OPERATOR E-MA kavlene o		es.com	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)	yy	11. MINERAL OWN			9 6		12. SURFACE OWNE	RSHIP		
UTU0337  13. NAME OF SURFACE OWNER (if box 12:	= 'fee')	FEDERAL ( INC	OIAN (	) STATE (	) FEE(		FEDERAL INC	DIAN DIAN STATE (		
15. ADDRESS OF SURFACE OWNER (if box	•						16. SURFACE OWNE			
15. ADDRESS OF SURFACE OWNER (II DOX	12 - 1ee )							ER E-MAIL (II DOX 1	12 = 1ee )	
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COM MULTIPLE FORMAT: YES ( (Submit 0	IONS	gling Applicati			VERTICAL DIRECTIONAL HORIZONTAL				
20. LOCATION OF WELL	FO	OTAGES		TR-QTR	SECTIO		TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	1840 FS	1840 FSL 2191 FWL NESW		18		9.0 S	23.0 E	S		
Top of Uppermost Producing Zone	1840 FSL 2191 FWL N		NESW	18		9.0 S	23.0 E	S		
At Total Depth	1840 FS	SL 2191 FWL		NESW	18		9.0 S	23.0 E	S	
21. COUNTY UINTAH		22. DISTANCE TO N		T LEASE LIN 840	E (Feet)		23. NUMBER OF AC	RES IN DRILLING	UNIT	
		25. DISTANCE TO N (Applied For Drilling	g or Co		AME POOL		26. PROPOSED DEP	<b>TH</b> : 7200 TVD: 7200		
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER	NM	2308		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225			F APPLICABLE	
,,,,,,		A		HMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	ED IN ACCORCAN	ICE WI	TH THE UT	AH OIL AN	ID G	AS CONSERVATION	ON GENERAL RU	ILES	
<b>▼</b> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				<b>№</b> сом	PLETE DRIL	LING	PLAN			
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			) FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY TOPOGRAPHICAL MAP										
NAME Kaylene Gardner	TITLE R	Regulatory Administrato	or		PHONE 435 781-9111					
SIGNATURE	DATE 0	9/25/2008			EMAIL	kayler	ne_gardner@eogresou	rces.com		
API NUMBER ASSIGNED APPROVAL 43047501310000					Bo	O rmit N	Wanager			

		Proposed Hole, Ca	sing, and Cement			
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)		
Cond	17.5	13.375	0	60		
Pipe	Grade	Length	Weight			
	Grade H-40 ST&C	60	48.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	60			
		Cement Description	Class	Sacks	Yield	Weight
			Class C Cement	0	0.0	0.0

		Proposed Hole, Ca	sing, and Cement			
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2300	36.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	2300			
		<b>Cement Description</b>	Class	Sacks	Yield	Weight
			Class G Cement	185	3.82	11.0
			Class G Cement	207	1.18	15.6

Proposed Hole, Casing, and Cement								
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)				
Prod	7.875	4.5	0	7200				
Pipe	Grade	Length	Weight					
	Grade N-80 LT&C	7200	11.6					
	Cement Interval	Top (MD)	Bottom (MD)					
		2300	7200					
		<b>Cement Description</b>	Class	Sacks	Yield	Weight		
			Hi Lift "G"	126	3.91	11.0		
			50/50 Poz	519	1.28	14.1		

#### **EIGHT POINT PLAN**

# CHAPITA WELLS UNIT 769-18 NE/SW, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,755		Shale	
Mahogany Oil Shale Bed	2,380		Shale	
Wasatch	4,722	Primary	Sandstone	Gas
Chapita Wells	5,291	Primary	Sandstone	Gas
Buck Canyon	5,986	Primary	Sandstone	Gas
North Horn	6,645	Primary	Sandstone	Gas
KMV Price River	6,999		Sandstone	
TD	7,200			

Estimated TD: 7,200' or 200'± below TD Anticipated BHP: 3,931 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .

2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	<u>Length</u>	<u>Size</u>	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	<b>Tensile</b>
Conductor	17 ½"	0 – 60'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0' - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note:  $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9- $\frac{5}{8}$ " as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

8 point plan-EOG 1 9/16/2008

#### **EIGHT POINT PLAN**

# CHAPITA WELLS UNIT 769-18 NE/SW, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

#### Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

8 point plan-EOG 2 9/16/2008

#### **EIGHT POINT PLAN**

# CHAPITA WELLS UNIT 769-18 NE/SW, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- o EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- o EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: Cement

**Bond / Casing Collar Locator and Pulsed Neutron** 

#### **EIGHT POINT PLAN**

# CHAPITA WELLS UNIT 769-18 NE/SW, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx

GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg,

1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note**: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

Lead: 126 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello

flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 519 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1

ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

8 point plan-EOG 4 9/16/2008

#### **EIGHT POINT PLAN**

# CHAPITA WELLS UNIT 769-18 NE/SW, SEC. 18, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

#### 13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

### EOG RESOURCES, INC.

CWU #769-18 SECTION 18, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATLEY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE EXISTING ACCESS ROAD FOR THE CWU #1048-18 TO THE **NORTHEASTERLY** NORTHEAST: FOLLOW **ROAD** IN Α DIRECTION APPROXIMATLEY 0.1 MILES TO THE BEGINNING OF THE EXISTING ACCESS TO THE NORTHEAST: FOLLOW ROAD IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.5 MILES.

## EOG RESOURCES, INC.

CWU #769-18

LOCATED IN UINTAH COUNTY, UTAH SECTION 18, T9S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



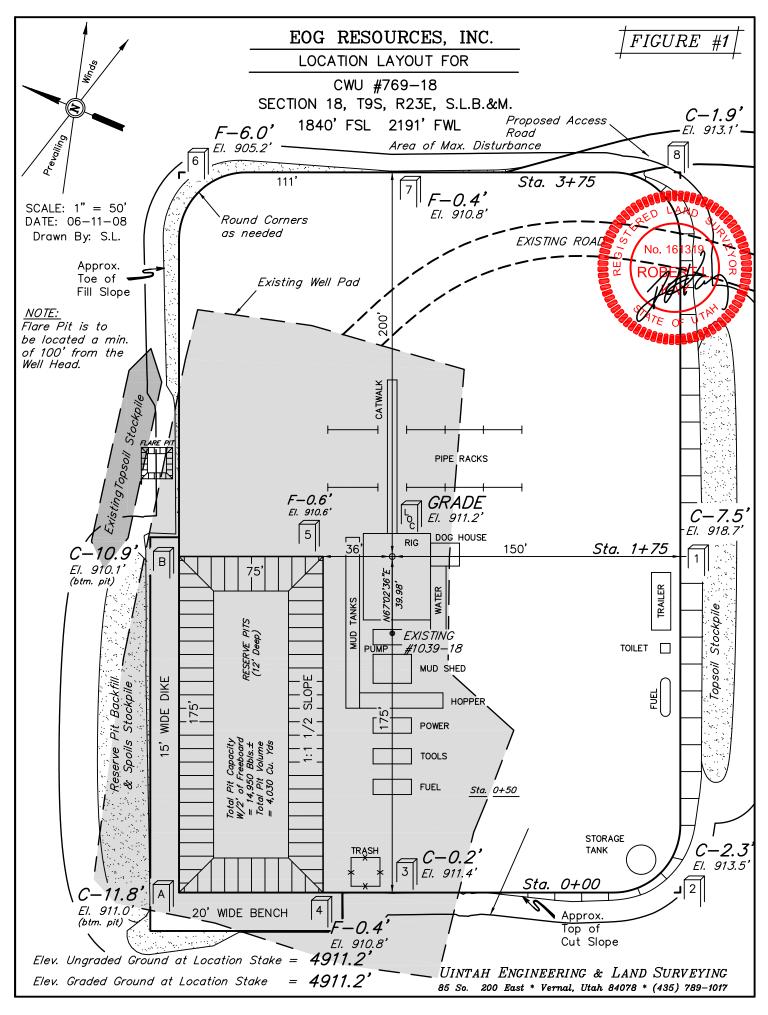


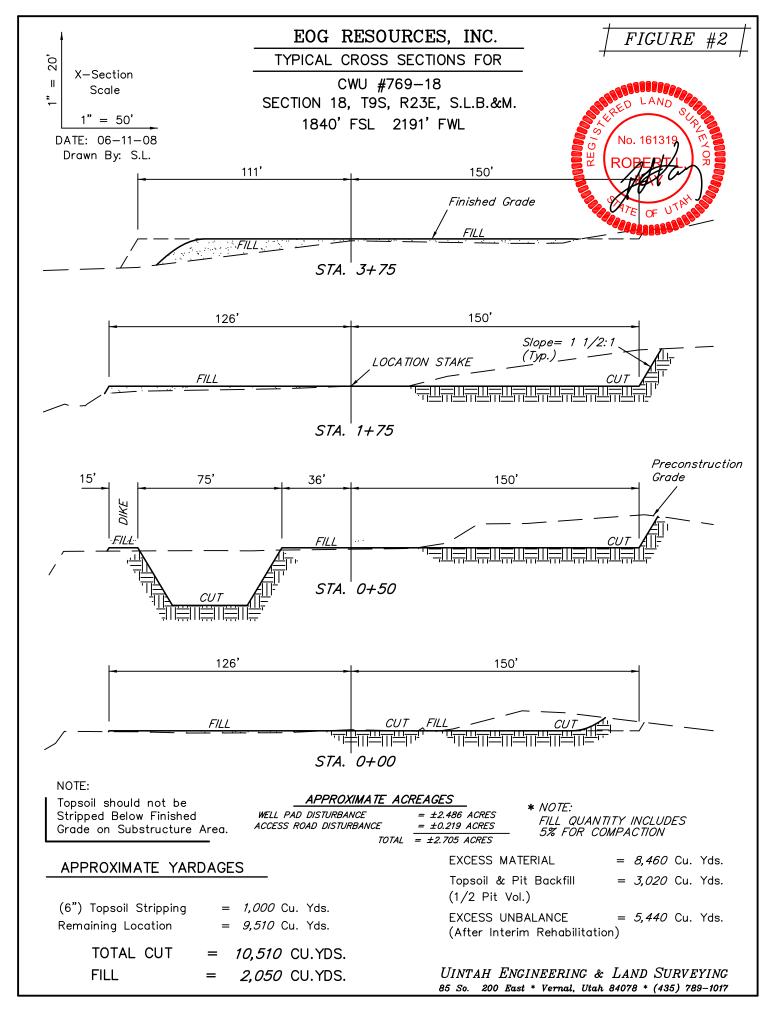
06-11-08

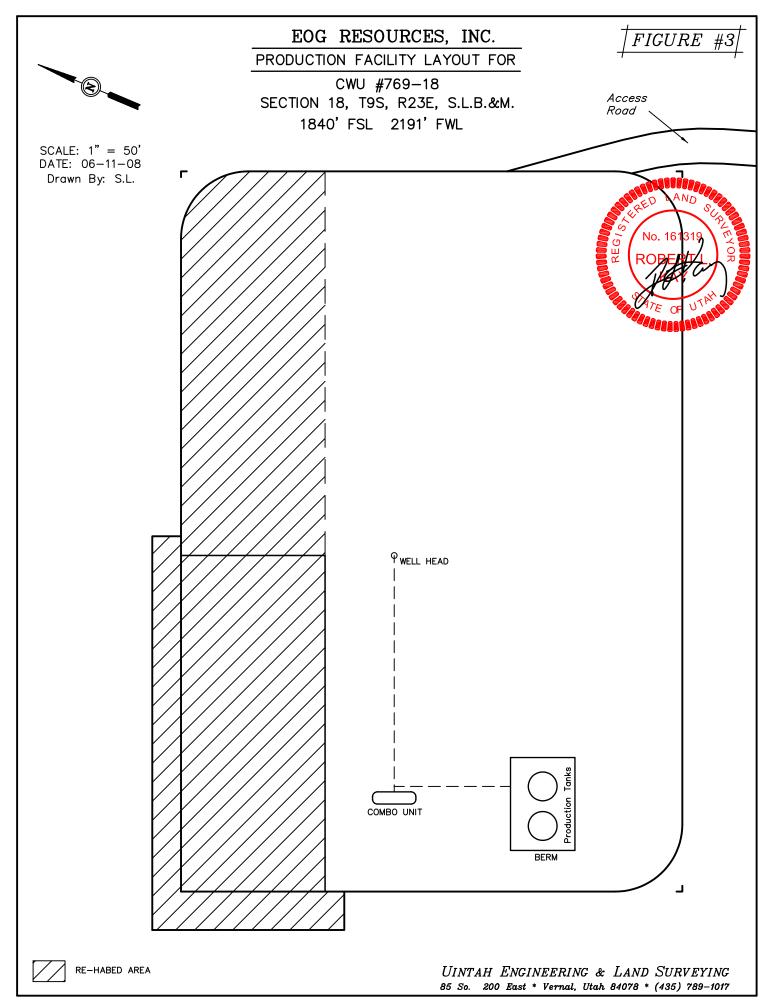
NC.

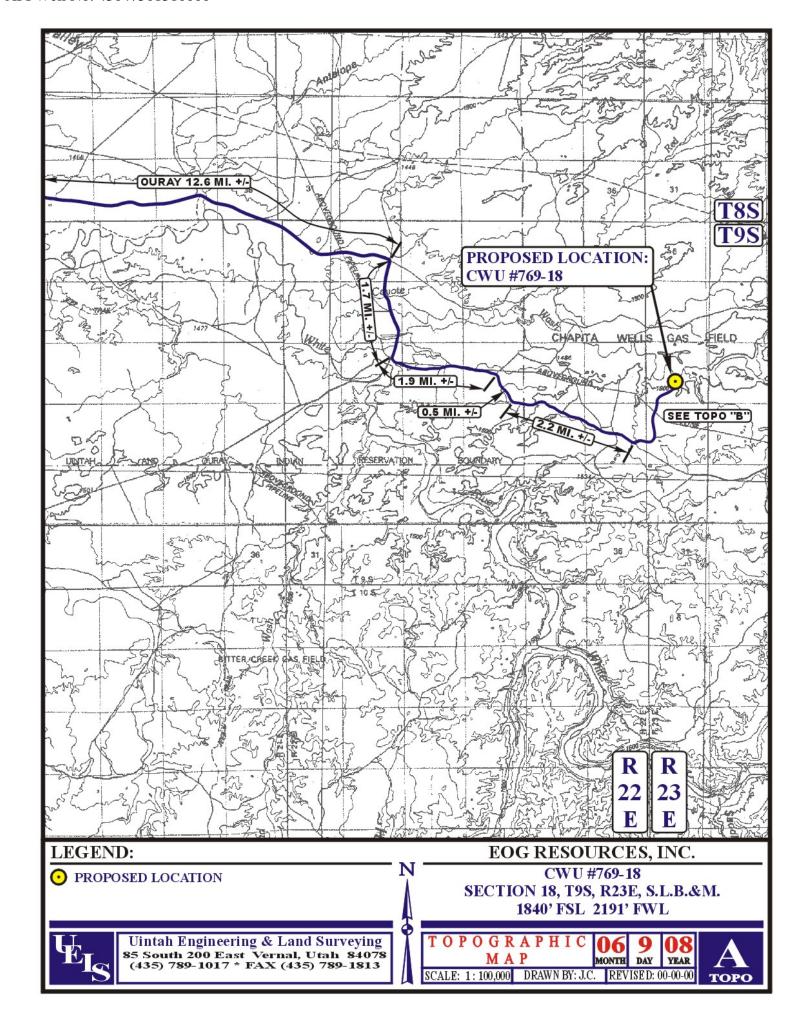
84078

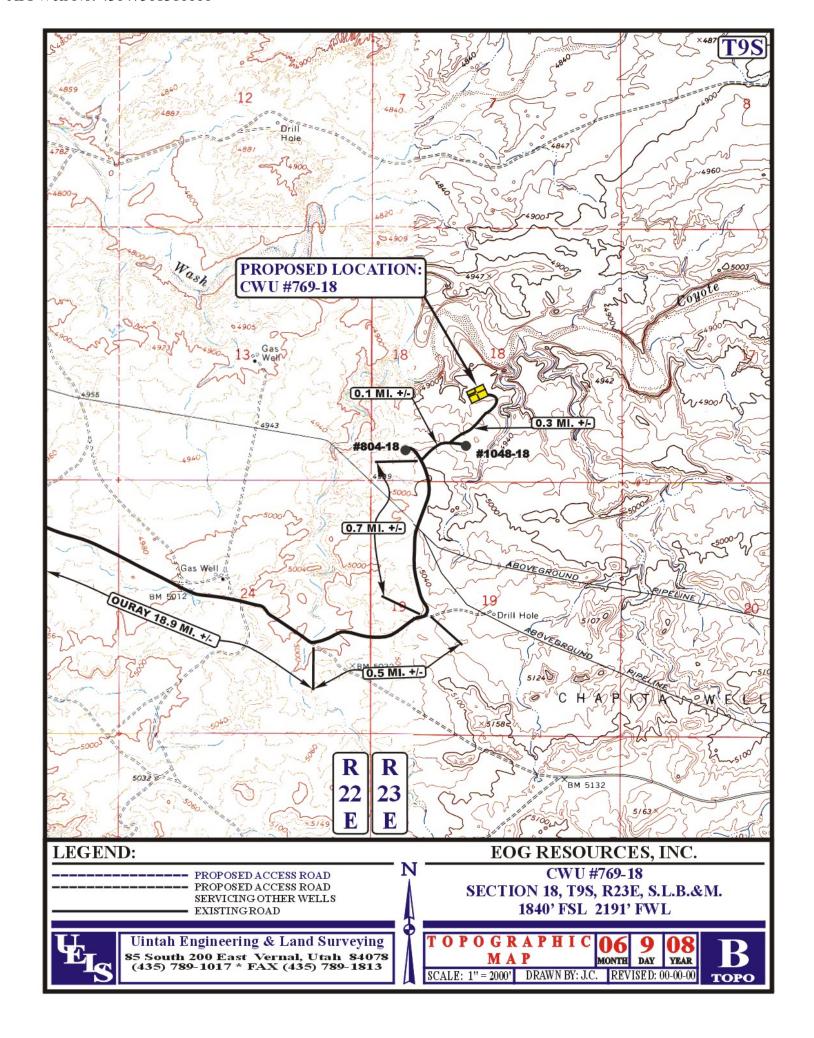
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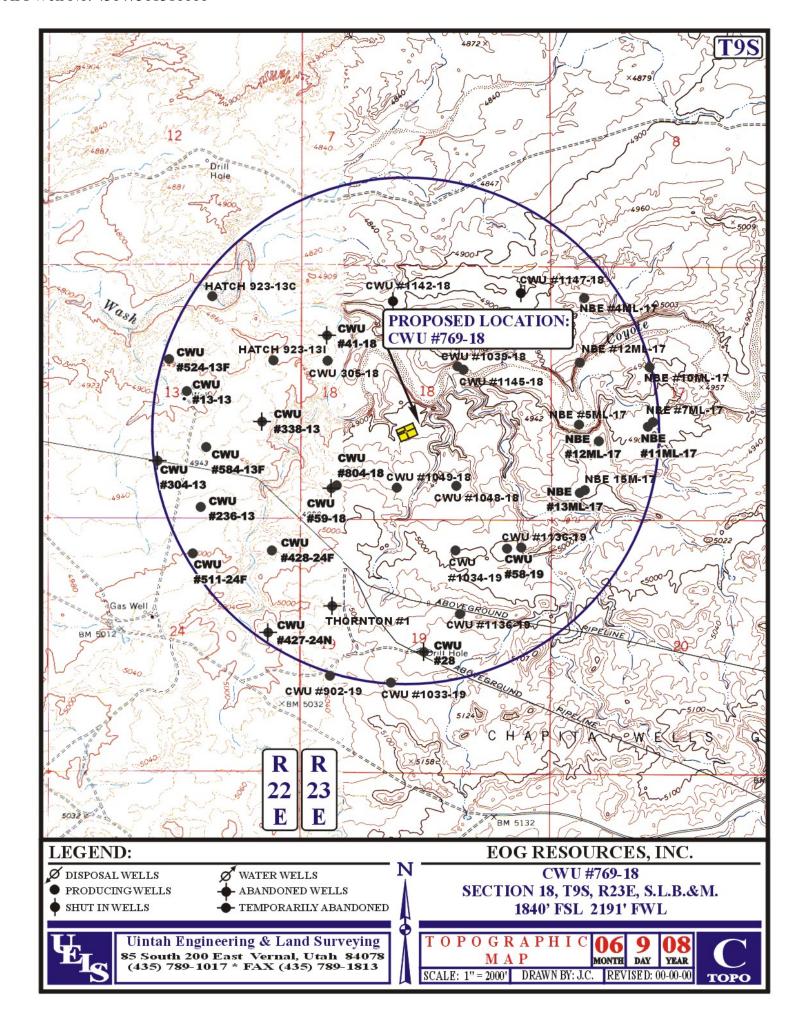












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T9S,



### Chapita Wells Unit 769-18 NESW, Section 18, T9S, R23E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 375 feet long with a 261-foot width, containing 2.25 acres more or less. The well access road re-route is approximately 100 feet long with a 30-foot right-of-way, disturbing approximately 0.07 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.32 acres. The existing pipeline for Chapita Wells Unit 1039-18 will be used.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 51.5 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

The existing access road for Chapita Wells Unit 1039-18 will be re-routed for an approximate distance of 100' to the east side of the proposed location. CMP's will be used as needed.

No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed,

safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An offlease right-of-way will not be required. The entire length of the proposed access road re-route is located within Federal Lease UTU0337.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

No new off pad pipeline will be required. The existing pipeline for Chapita Wells Unit 1039-18 will be used.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with

O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation ponds 1, 2, 3 4, 5 or 6, Coyote Evaporation Ponds 1, 2, 3, or 4, White River Evaporation Ponds 1, or 2 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with **double felt, and a 20-millimeter plastic liner**. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

The existing topsoil pile for Chapita Wells Unit 1039-18 will be moved to a location providing easy access for interim reclamation and protection of the topsoil.

Access to the well pad will be from the north.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the

opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. Plans for Reclamation of the Surface:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
HyCrest Wheatgrass	5.0
Shadscale	4.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

#### CHAPITA WELLS UNIT 769-18 Surface Use Plan

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for

the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

#### **Additional Surface Stipulations:**

None

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chpaita Wells Unit 769-18 Well, located in the NESW, of Section 18, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

September 15, 2008	
Date	Regulatory Administrator

**CONFIGURATION** ROTATING HEAD ANNULAR **PREVENTER** 11" 5k R-54 **BLIND RAMS** PIPE RAMS 4-1/16" 5,000 HCR VALVE 11" 5k 2-1/16" 5,000 2-1/16" 5,000 MANUAL VALVES CHECK VALVE R-54 11" 5k œ FMC "DTO" 9-5/8" . SOW X 5,000 W.P. -13-3/8"

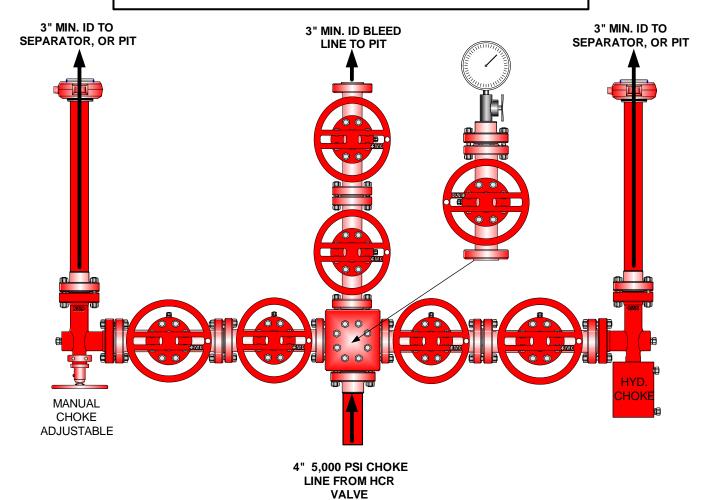
- 9-5/8"

EOG RESOURCES 11" 5,000 PSI W.P. BOP

PAGE 1 OF 2

## EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 17, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MesaVerde)

43-047-50122 CWU 1193-13 Sec 13 T09S R22E 0572 FSL 2109 FWL

(Proposed PZ Wasatch)

43-047-50121 CWU 799-30 Sec 30 T09S R23E 1908 FNL 0641 FWL 43-047-50120 CWU 793-21 Sec 21 T09S R23E 1979 FNL 2010 FEL 43-047-50119 CWU 766-20 Sec 20 T09S R23E 1824 FNL 0798 FWL 43-047-50129 CWU 767-18 Sec 18 T09S R23E 0602 FSL 0673 FWL 43-047-50130 CWU 756-25 Sec 25 T09S R22E 1053 FSL 0717 FEL 43-047-50131 CWU 769-18 Sec 18 T09S R23E 1840 FSL 2191 FWL 43-047-50114 CWU 4001-13 Sec 13 T09S R22E 2002 FNL 1790 FEL 43-047-50117 CWU 4000-30 Sec 30 T09S R23E 1900 FNL 1926 FEL

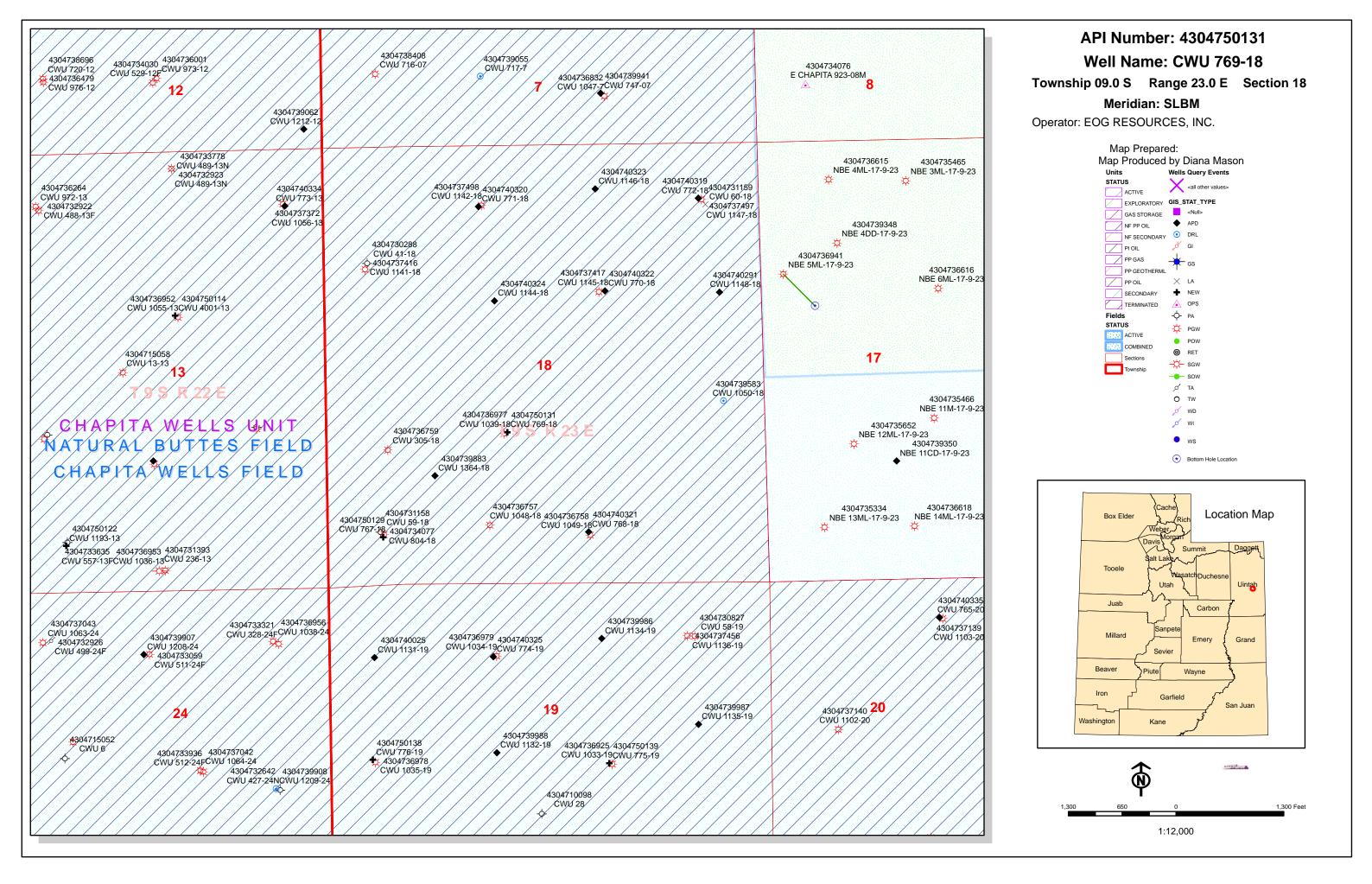
This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



### WORKSHEET APPLICATION FOR PERMIT TO DRILL

ADD DECETVED.	0/16/2009	ART NO ACCIONED.	42047E0121000
APD RECEIVED:		API NO. ASSIGNED:	4304/30131000
WELL NAME:		0) PHONE NUMBER:	/35 701 O111
	EOG Resources, Inc. (N955 Kaylene Gardner	0) PHONE NUMBER:	435 /61-9111
CONTACT	Raylette Garutter		
PROPOSED LOCATION:	NESW 18 090S 230E	Permit Tech Review:	
SURFACE:	1840 FSL 2191 FWL	Engineering Review:	
воттом:	1840 FSL 2191 FWL	Geology Review:	
COUNTY:	UINTAH		
LATITUDE:	40.03387	LONGITUDE:	-109.37048
UTM SURF EASTINGS:	639033.00	NORTHINGS:	4432578.00
FIELD NAME:	NATURAL BUTTES		
LEASE TYPE:	1 - Federal		
LEASE NUMBER:	UTU0337	PROPOSED FORMATION:	PRRV
SURFACE OWNER:	1 - Federal	COALBED METHANE:	NO
PLAT  Bond: FEDERAL - NM2308		R649-2-3. Unit: CHAPITA WELLS	
Bond: FEDERAL - NM2308			
Potash		R649-3-2. General	
Oil Shale 190-5			
Oil Shale 190-3		R649-3-3. Exception	
Oil Shale 190-13		<b>☑</b> Drilling Unit	
<b>✓ Water Permit:</b> 49-225		<b>Board Cause No:</b> 179-8	
RDCC Review:		Effective Date: 8/10/1999	
Fee Surface Agreement		Siting: Suspends General Siting	
Intent to Commingle		R649-3-11. Directional Drill	
omments: Presite Comp			
omments: Presite Comp			



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### **Permit To Drill**

\*\*\*\*\*

**Well Name:** CWU 769-18 **API Well Number:** 43047501310000

Lease Number: UTU0337 Surface Owner: FEDERAL Approval Date: 9/25/2008

#### **Issued to:**

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of CAUSE: 179-8.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

#### **Notification Requirements:**

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

#### **Reporting Requirements:**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

API Well No: 43047501310000

**Approved By:** 

Gil Hunt

Associate Director, Oil & Gas

Die Hut

Form 3160-3 (August 2007)

# RECEIVE

SEP 1 6 2008

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. UTU0337

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

RIM

APPLICATION FOR PERMIT	TO DRILL OR REENTER VI	6. If Indian, Allottee or Tribe	Name
la. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, UTU63013X	Name and No.
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	er Single Zone 🗖 Multiple Zone	8. Lease Name and Well No. CWU 769-18	
	KAYLENE R GARDNER IE_GARDNER@EOGRESOURCES.COM	9. API Well No.  43-047-50  10. Field and Pool, or Explor	0/3/
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploi NATURAL BUTTES	ratory
4. Location of Well (Report location clearly and in accorded	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. a	and Survey or Area
At surface NESW 1840FSL 2191FWL At proposed prod. zone NESW 1840FSL 2191FWL	40.03381 N Lat, 109.37110 W Lon 40.03381 N Lat, 109.37110 W Lon	Sec 18 T9S R23E Me SME: BLM	er SLB
14. Distance in miles and direction from nearest town or post 51.5 MILES SOUTH OF VERNAL, UT	office*	12. County or Parish UINTAH	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>1840</li> </ol>	16. No. of Acres in Lease	17. Spacing Unit dedicated t	o this well
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>3350</li> </ol>	<ul><li>19. Proposed Depth</li><li>7200 MD</li><li>7200 TVD</li></ul>	20. BLM/BIA Bond No. on NM2308	file
21. Elevations (Show whether DF, KB, RT, GL, etc. 4911 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	
	24. Attachments		
<ol> <li>The following, completed in accordance with the requirements of</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service Of</li> </ol>	4. Bond to cover the operati Item 20 above). tem Lands, the 5. Operator certification	o this form: ons unless covered by an existing formation and/or plans as may be	•
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	9111	Date 09/16/2008
Title LEAD REGULATORY ASSISTANT			
Approved by (Signature)	Name (Printed/Typed)  TELLY KEWALA	FEB	2 7 2009
Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE		
Application approval does not warrant or certify the applicant hoperations thereon. Conditions of approval, if any, are attached.	olds legal or equitable title to those rights in the subject	lease which would entitle the a	pplicant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

NOTICE OF APPROVAL

Electronic Submission #63103 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 09/17/2008 (08GXJ6450AE)

RECEIVED

MAR 1 0 2009



\*\* BLM REVISED \*\*

NS OF APPROVAL



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

**EOG RESOURCES** CWU 769-18

Location:

**NESW SEC. 18, T9S, R23E** 

Lease No: UTU-0337

API No: 43-047-50131

**CHAPITA WELLS UNIT** Agreement:

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

Fax: (435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

## NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 769-18 2/24/2009

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they will not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings.
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- The reserve pit will be lined with a double layer of felt and a 20 mil liner.
- The existing topsoil stockpile will be moved to the east side of the pad.
- Permission to clear all wildlife stipulations will only be approved by the BLM authorized officer during the specific timing for the species potentially affected by this action.
- No construction, drilling or fracing operations will occur within 0.5 miles of golden eagle nest February 1 August 15.

Page 3 of 6 Well: CWU 769-18 2/24/2009

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- The conductor pipe shall be set and cemented in a competent formation.
- A surface casing shoe integrity test shall be performed.
- Variances are granted for Onshore Order #2-Drilling Operations III. E.

Blooie line can be 75 feet.

Deduster and ignitor; drilling with mist system, Okay

Rig mounted compressors less the 100' away, Okay.

All other requirements in O.O. #2 III. E. Special Drilling Operations are applicable.

 Production casing cement shall be at a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in</u> advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: CWU 769-18 2/24/2009

Cement baskets shall not be run on surface casing.

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 769-18 2/24/2009

#### OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: CWU 769-18 2/24/2009

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 769-18		
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047501310000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40, Verna	al, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1840 FSL 2191 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 18	P, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start: 9/16/2009	☐ CHANGE TO PREVIOUS PLANS ☐ CHANGE WELL STATUS	☐ CHANGE TUBING ☐ COMMINGLE PRODUCING FORMATIONS	☐ CHANGE WELL NAME ☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME ☐ REPERFORATE CURRENT FORMATION	☐ RECLAMATION OF WELL SITE ☐ SIDETRACK TO REPAIR WELL	☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON
Date of Space.	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	respectfully requests the APD extended for one year.	for the referenced well be	
NAME (PLEASE PRINT) Mickenzie Thacker	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk	
SIGNATURE N/A		<b>DATE</b> 9/16/2009	



Sig

## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047501310000

**API:** 43047501310000 **Well Name:** CWU 769-18

Location: 1840 FSL 2191 FWL QTR NESW SEC 18 TWNP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

**Date Original Permit Issued:** 9/29/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

lire revision. r	ollowing is a chec	cklist of some ite	ems related to the	e application, v	wnich should be verified.
	n private land, has Yes 🏿 No	s the ownership	changed, if so, h	as the surface	agreement been
	ells been drilled in ements for this lo			l which would	affect the spacing or
	een any unit or ot osed well? 📋 Yo		put in place that	could affect ti	ne permitting or operation
	peen any changes oposed location?		oute including ow lo	nership, or rig	htof- way, which could
• Has the app	roved source of w	ater for drilling	changed? 🗎 Y	es 📵 No	
	peen any physical ans from what wa				e which will require a No
• Is bonding s	till in place, whic	h covers this pro	pposed well? 🌘	Yes 📗 No	Approved by the Utah Division of il, Gas and Mining
nature: Micke	nzie Thacker	<b>Date:</b> 9/16/20	009		
Title: Opera	tions Clerk Repre			Date:	September 22, 2009
opera	cons sient <b>Repre</b>		20011020, 11101		7/1

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CWU 769-18		
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047501310000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	PHONE N al, UT, 84078 435 781-9111		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1840 FSL 2191 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 18	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	or the referenced well be	•
NAME (PLEASE PRINT) Michelle Robles	PHONE NUMBER 307 276-4842	TITLE Regulatory Assistant	
SIGNATURE N/A	JU/ Z/U-404Z	DATE 8/31/2010	



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047501310000

**API:** 43047501310000 **Well Name:** CWU 769-18

Location: 1840 FSL 2191 FWL QTR NESW SEC 18 TWNP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

**Date Original Permit Issued:** 9/29/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

require revi	sion. Following is a c	hecklist of sor	ne items related to th	e application	on, which should be verified.
	ated on private land, ed? 📗 Yes 📵 No		rship changed, if so, h	as the surf	ace agreement been
	any wells been drille requirements for thi			ll which wo	ould affect the spacing or
	nere been any unit or s proposed well?		ents put in place that	could affe	ct the permitting or operation
	there been any chang the proposed location			vnership, o	r rightof- way, which could
• Has th	ne approved source o	f water for dr	illing changed? 🔵 🐧	es 🗓 No	,
			o the surface location d at the onsite evalua		oute which will require a Yes 📵 No
• Is bor	nding still in place, w	hich covers th	is proposed well? 🌘	Yes 🗍	Approved by the No Utah Division of Oil, Gas and Mining
Signature:	Michelle Robles	Date:	8/31/2010		
Title:	Regulatory Assistant F	epresenting:	EOG RESOURCES, INC.	Da	te: August 31, 2010
	·	_		Rv	. Loogill

rorm 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

5. Lease Serial No. UTU0337

abandoned we	ell. Use form 3160-3 (APD) for su	ich proposals	6. If Indian, Allottee	or Tribe Name	
SUBMIT IN TR	7. If Unit or CA/Agr UTU63013X	reement, Name and/or N			
1. Type of Well		<del></del>	8. Well Name and No CWU 769-18	0.	
	Oil Well Gas Well Other				
Name of Operator     EOG RESOURCES INC	Contact: MICKEN E-Mail: MICKENZIE_gates@	IZIE GATES DEOGRESOURCES	9. API Well No. 43-047-50131-	-00-X1	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	Ph: 45	ne No. (include area co i3.781.9145	de) 10. Field and Pool, o NATURAL BU		
4. Location of Well (Footage, Sec., 7	• • •		11. County or Parish	, and State	
Sec 18 T9S R23E NESW 184 40.03381 N Lat, 109.37110 V			UINTAH COU	NTY, UT	
12. CHECK APP	ROPRIATE BOX(ES) TO INDIC.	ATE NATURE OI	F NOTICE, REPORT, OR OTHE	ER DATA	
TYPE OF SUBMISSION		TYPE	OF ACTION	·	
Notice of Intent	□ Acidize □	Deepen	Production (Start/Resume)	☐ Water Shut-Of	
_	☐ Alter Casing ☐	Fracture Treat	Reclamation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	New Construction	Recomplete	Other	
☐ Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Abandon	Change to Origina PD	
	Convert to Injection	Plug Back	☐ Water Disposal	ΓD	
CONDITIONS OF APPE		enced well be exte	VERNAL FIELD OFFICE ENG. CSD MAR 1 GEOL. E.S. PET. RECL	<b>2011</b> *	
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #102857 ve	rified by the BLM W	ell Information System		
Comn	For EOG RESOURC nitted to AFMSS for processing by F			CEIVED	
Name (Printed/Typed) MICKENZI	E GATES		ATIONS CLERK	CEIVED	
			APR	<del>1 1 2011 </del>	
Signature (Electronic S	ubmission)	Date 02/18/	2011 DIV OF OIL	L GAS & MINING	
	THIS SPACE FOR FEDE	RAL OR STATE	OFFICE USE	L. UMS & MIDHNUS	
Approved By Jus Kenner			ssistant Field Manager	MAR 3.5 2011	
Conditions of approval if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct	itable title to those rights in the subject lea	tor	VERNAL FIELD OFFICE		
Title 18 U.S.C. Section 1001 and Title 43 U States any false, fictitious or fraudulent st	J.S.C. Section 1212, make it a crime for an attements or representations as to any matt	ny person knowingly ar er within its jurisdictio	nd willfully to make to any department on	r agency of the United	

## **CONDITIONS OF APPROVAL**

## EOG Resources, Inc.

# **Notice of Intent APD Extension**

Lease:

UTU-0337

Well:

CWU 769-18

Location:

NESW Sec 18-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The APD extension shall expire on 2/27/13.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-3406

RECEIVED
APR 1 1 2011

Sundry Number: 18612 API Well Number: 43047501310000

	STATE OF UTAH				FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEAS UTU03	E DESIGNATION AND SERIAL NUMBER: 337
SUND	INDRY NOTICES AND REPORTS ON WELLS				IDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					or CA AGREEMENT NAME: TA WELLS
1. TYPE OF WELL Gas Well					L NAME and NUMBER: 769-18
2. NAME OF OPERATOR: EOG Resources, Inc.				1 -	NUMBER: 501310000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: ixt		<b>D and POOL or WILDCAT:</b> RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1840 FSL 2191 FWL				COUNT	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 18	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian	1: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N.	ATURE OF NOTICE, REPORT,	OR OTI	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
9/19/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL
☐ DRILLING REPORT	□ WATER SHUTOFF		SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	□ WILDCAT WELL DETERMINATION		OTHER	отн	ER:
12 DESCRIPE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show all p				<u> </u>
	respectfully requests the AP				etc.
	extended for one year				
				A	pproved by the
					Jtah Division of , Gas and Mining
					•
			D	ate:_	09/20/2011
			_	F	00 cal 90
			E	y: <u>Φ</u>	The second second
					7.5
NAME (PLEASE PRINT)	PHONE NUMBE	R	TITLE		
Nanette Lupcho	435 781-9157		Regulatory Assistant		
SIGNATURE N/A			<b>DATE</b> 9/19/2011		

Sundry Number: 18612 API Well Number: 43047501310000



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047501310000

**API:** 43047501310000 **Well Name:** CWU 769-18

Location: 1840 FSL 2191 FWL QTR NESW SEC 18 TWNP 090S RNG 230E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 9/29/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?   Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Signature: Nanette Lupcho Date: 9/19/2011

**Title:** Regulatory Assistant **Representing:** EOG RESOURCES, INC.

Sundry Number: 29277 API Well Number: 43047501310000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
ι	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0337	
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly dee eenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 769-18
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047501310000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000		IONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1840 FSL 2191 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	<b>IIP, RANGE, MERIDIAN:</b> 8 Township: 09.0S Range: 23.0E Meridian	: S	STATE: UTAH
11. CHECH	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly show all panc. respectfully requests the AP well be extended for one year	D for the referenced	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  Pepths, volumes, etc.  Approved by the Utah Division of Oil, Gas and Mining  Date: August 28, 2012  By:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Sr. Doguletory Assistant	
Vail Nazzaro SIGNATURE N/A	303 824-5590	Sr. Regulatory Assistant  DATE 8/28/2012	

Sundry Number: 29277 API Well Number: 43047501310000



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047501310000

**API:** 43047501310000 **Well Name:** CWU 769-18

Location: 1840 FSL 2191 FWL QTR NESW SEC 18 TWNP 090S RNG 230E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 9/29/2008

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<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Signature: Vail Nazzaro Date: 8/28/2012

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.



## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

November 29, 2013

JOHN R. BAZA
Division Director

EOG Resources, Inc. 600 17th Street, Suite 1000 N. Denver, CO 80202

Re: APDs Rescinded for EOG Resources, Inc, Uintah County

## Ladies and Gentlemen:

Enclosed find the list of APDs that is being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective November 29, 2013.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc:

Well File

Bureau of Land Management, Vernal



43-047-39614	CWU 978-13
43-047-40319	CWU 772-18
43-047-40320	CWU 771-18
43-047-40321	CWU 768-18
43-047-40322	CWU 770-18
43-047-40326	CWU 726-28
43-047-40327	CWU 777-29
43-047-40334	CWU 773-13
43-047-40335	CWU 765-20
43-047-40336	CWU 798-30
43-047-39335	E CHAPITA 19-23
43-047-50117	CWU 4000-30
43-047-50120	CWU 793-21
43-047-50121	CWU 799-30
43-047-50114	CWU 4001-13
43-047-50129	CWU 767-18
43-047-50131	CWU 769-18
43-047-50133	CWU 791-20
43-047-50134	CWU 790-20
43-047-50135	CWU 794-21
43-047-50137	CWU 787-19
43-047-50140	CWU 795-28
43-047-50141	CWU 797-28
43-047-50142	CWU 786-19
43-047-50122	CWU 1193-13
43-047-50664	CWU 1527-20
43-047-50665	CWU 661-34



## **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



FEB 28 2014

IN REPLY REFER TO: 3160 (UTG011)

Kaylene Gardner EOG Resources, Inc. 600 17TH STREET, SUITE 1000 N DENVER, CO 80202

43 047 50131

Re:

Notice of Expiration Well No. CWU 769-18 NESW, Sec. 18, T95, R23E Uintah County, Utah Lease No. UTU-0337

MAR 1 2 2014 ON OF OIL GAS & MINING

Dear Ms. Gardner:

The Application for Permit to Drill (APD) for the above-referenced well was approved on February 27, 2009. A two (2) year extension of the original APD was requested. The request was reviewed and the extension approved until February 27, 2013. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

CC:

**UDOGM** 

bcc:

Well File I&E Asst.